

14E-2 mostly by establishments in the Rock Salt Industry. Another source
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Industry 1477—Sulfur. This industry represents establishments primarily engaged in mining native sulfur, including the extraction of native sulfur at well operations and mining and beneficiating sulfur ore. The mining of pyrites for sulfur is included in industry 1479. Chemical and Fertilizer Mineral Mining, N.E.C. The recovery of sulfur from beneficiation of natural gas is included in the manufacturing industry 2819, In-organic Chemicals, N.E.C.

Industry 1479—Chemical and Fertilizer Mineral Mining, N.E.C. This industry represents establishments primarily engaged in mining, milling, or otherwise preparing chemical or fertilizer mineral raw materials, n.e.c., such as arsenic minerals, guano, lithium minerals, mineral pigments, pyrites, and strontium minerals.

SUMMARY OF FINDINGS

The total value of shipments and receipts of the Chemical and Fertilizer Mineral Mining Industries in 1963 was \$577 million, of which primary products of these industries amounted to about \$522 million and secondary products, products purchased and resold without further processing, and receipts for services amounted to about \$15 million. Of the total value of shipments for this group, the Barite Industry accounted for \$17 million; the Fluorspar Industry, \$16 million; the Potash, Soda, and Borate Minerals Industry, \$192 million; the Phosphate Rock Industry, \$162 million; the Rock Salt Industry, \$59 million; the Sulfur Industry, \$113 million; and the Chemical and Fertilizer Mineral Mining Industry, \$18 million.

These figures represent gross value of shipments and some of them contain duplication due to the inclusion of the value of minerals transferred from one establishment to other establishments in the same industry for preparation. For the group as a whole, the cost of minerals transferred to other establishments for preparation amounted to about \$39 million, or 7 percent of the gross value of shipments of all industries in this group. For the Sulfur Industry, no receipts of minerals for preparation were reported. For the Barite; Potash, Soda, and Borate Minerals; Rock Salt; and Chemical and Fertilizer Mineral Mining, N.E.C. Industries, transfers of minerals for preparation amounted to less than 5 percent of the gross value of shipments of the industries. For the Fluorspar Industry, the cost of minerals received for preparation amounted to about \$3.3 million, or 21 percent of the gross value of shipments. For the Phosphate Rock Industry, the cost of minerals transferred for preparation totaled \$31.4 million, or 19 percent of the gross value of shipments. Separate figures on gross and net shipments are shown in tables 1, 3,

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base of 1954 = 100. The 1963 production and unit value indexes, respectively. for
primary products of selected industries in this group were for barite. 92 and 99; for
fluorspar. 91 and 86; for potash, soda, and borate minerals. 171 and 103; for
rock (net shipments), 144 and 96; for rock salt 180 and 98; and for sulfur 85 and 90.

The general statistics (employment, payrolls, value of shipments, cost of supplies, etc.)
are reported for each establishment as a whole. Aggregates of such data for an industry
reflect not only the primary activities of the establishments in the industry, but also their